

# Center For Academic Partnerships (CAP)

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# CAP-Overview

- Funding Center
  - JPL Internal Investment Funds
  - Managed by the Office of the Chief Scientist
    - Cinzia Zuffada-Associate Chief Scientist-Program Manager
- Seek to catalyze new collaborative relationships
  - Identify and nurture contacts with academia whose knowledge might be key to JPL's future
  - Familiarize faculty and students with JPL
  - Capitalize on “grass roots” collaborative efforts

# CAP-Overview

- All requests are initiated by a JPL PI
  - MUST clearly articulate benefits, outcomes and any expected follow-on work
  - Should be focused on long range opportunities, which would be of strategic importance to JPL
- Competitive Program
  - Reviewed Proposal Process
- Meant to facilitate partnerships, NOT to fund research.

# CAP- Types of Funded Activities

- Faculty Visits to JPL
- Student Visits To JPL
- Visits to Universities by JPL Personnel
- Workshops at JPL

# CAP-Faculty Visits

- Faculty Visits to JPL-
  - Long Term
    - Faculty Sabbatical- Support for travel expenses, IT costs and other non-labor expenses
    - Nominal labor for JPL collaborator
  - Short term- two types
    - Faculty Days- Larger group (up to 5)- Focused on imparting the “Big Picture of JPL”
    - 2-3 day “focused” visits- Intense exchange on topics of mutual benefit

# CAP-Student Visits

- Short term- Grad students and advisor
  - One week or less
  - Provide a broad perspective, initiate strategic discussion
  - Facilitate future longer term visits
- Long term- Student Internships, (ten weeks or more)
  - Bridge between JPL and Academic collaborators
- Student Team Visits to Team X for “Virtual reviews”
  - Team X- Mission Formulation/Concurrent Engineering Facility
  - Grad Student CAPSTONE Courses- Mission Design
    - Conduct Mini Critical Design Review (CDR) for student team concepts.
    - Experience trade-offs in design first hand
    - Receive feedback on feasibility.

# CAP-JPL Visits

- Targeted visits by JPL
  - Short term visits- 2 to 3 days
    - JPL Labor and travel expenses
  - Discuss specific strategic collaborations,
    - i.e. future joint proposal

# CAP-Workshops

- Exploratory Workshops-
  - Collaborative teams of both JPL and Academia
  - Focused on furthering a strategic idea, concept or mission
    - Ex: Cubesat Workshop



# Questions?

# Important Contacts

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